

Date: Mon, 26 Sep 94 04:30:15 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #345
To: Ham-Equip

Ham-Equip Digest Mon, 26 Sep 94 Volume 94 : Issue 345

Today's Topics:

 Best HF transceiver for around \$2000.00
 Fun with oscilloscopes
 HandHelds 2m? (2 msgs)
 HELP: 4cx250b tubes
 High voltage transmitting caps and miniductor sources?
 Kenwood TM-742
 Place to get MFJ-259 cheap?
 TT Xverter 1208 abt to ship!
 Vox headset
 W2A drains batt when off?
 W2A Mod???
 Xverters for Kenwood 520-S?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 25 Sep 1994 14:21:53 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
zip.eecs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac!csus.edu!
netcom.com!rogjd@ihnp4.ucsd.edu
Subject: Best HF transceiver for around \$2000.00
To: ham-equip@ucsd.edu

FWIW, I've got a Kenwood 850S/AT; have had it for 4 years and still would
not trade it for any other radio. It is a first class radio both for
SSB/CW and digital work. I've compared it to the 990 and frankly, the
850 is more radio for the money. I also think that the receiver is better.

73

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: Sun, 25 Sep 1994 11:56:30 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!wa4mei!ke4zv!
gary@network.ucsd.edu
Subject: Fun with oscilloscopes
To: ham-equip@ucsd.edu

In article <362jl5\$cma@dartvax.dartmouth.edu> Kenneth.E.Harker@Dartmouth.Edu
(Kenneth E. Harker) writes:

> A couple months back, I bought a Techtronix Type 502A scope with
> manual and probes for \$10.

> jumped on an idea of a physics grad student/fraternity brother of mine,
> and have hooked it up to my stereo.

> So, now I get to see all the waveforms in the music, some of
> which form really cool patterns. And when I have my door open, the
> scope is visible from the hallway, so I get all sorts of attention. :-)

Back when I was at Georgia Tech, we hooked up our kerosene fired
scope to the Victrola and did this too. (Well maybe it wasn't *quite*
that long ago, but the Tek 545 was current production.) Anyway, one of
the games we played was trying to identify the songs by *only* looking
at the scope. Turned out to be pretty easy for a lot of songs. You could
also spot which songs were done in which studios, and which engineer
mixed them, just by watching the scope.

We also hooked up the outputs of our (analog) computers to the scope
and did computer "art". A couple of A/D converters could let you do
that with today's digital computers. Vector graphics doesn't suffer
from pixel jaggies like raster scan graphics does. You can get pretty
good wireframe drawings that look like they were done with pen and ink.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		emory!kd4nc!ke4zv!gary
534 Shannon Way		Guaranteed!		gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244				

Date: Fri, 23 Sep 1994 04:35:13 GMT
From: elroy.jpl.nasa.gov!ncar!gatech!concert!hearst.acc.Virginia.EDU!
cabell.vcu.edu!jwill@ames.arpa
Subject: HandHelds 2m?
To: ham-equip@ucsd.edu

I can save you some money too... Call up Ray's Amateur Electronics in High Point, NC and order, for the same \$200.00 that you would have spent on a Radio Shack, an Alinco DJ180T: It has extended Receive, the same amount of memories (expandable up to 200 Memories) as the RS HT, and is considerably smaller. It comes with belt clip, Nicad battery, and desk charger. Not a bad little HT at all. And plus, you don't have to worry about hiring a pack mule to carry it whenever you go out of the house....It is small and light. Ray's number is 1-800-845-5338

Robert S. Williams

Date: Sat, 24 Sep 1994 13:32:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!ectech!clint.bradford@network.ucsd.edu
Subject: HandHelds 2m?
To: ham-equip@ucsd.edu

B>Newsgroups: rec.radio.amateur.equipment
>Path: holonet!colossus.holonet.net!news.sprintlink.net!redstone.interpath.net
>From: broc0032@maroon.tc.umn.edu (Jason F Brockman)
>Subject: Re: HandHelds 2m?
>Message-ID: <broc0032.780081564@maroon.tc.umn.edu>
>Sender: news@news.cis.umn.edu (Usenet News Administration)
>Nntp-Posting-Host: maroon.tc.umn.edu
>Organization: University of Minnesota, Twin Cities
>References: <940919130022556@ectech.com>
>Date: Tue, 20 Sep 1994 17:19:24 GMT
>Lines: 4

B>Are you a Tandy employee? I see you post that advertisement for the HTX202
>every other day!

Sorry. No, I am not a Tandy employee. And I post that piece in direct response to a "Is this HTX-202 any good?" type of inquiry.

The HTX-202 has, for some stupid reason, been bashed. Don't know why. It is a solid performer. And it's on sale this month for two hundred dollars. A great intro into the world of Amateur Radio.

* QMPro 1.52 * Nothing in fine print is ever good news.

Date: Sun, 25 Sep 1994 08:02:40 +0000
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
news.sprintlink.net!demon!g8sjp.demon.co.uk!ip@network.ucsd.edu
Subject: HELP: 4cx250b tubes
To: ham-equip@ucsd.edu

In article <CwLHy4.Dyp@acsu.buffalo.edu>
AXLEROD@ubvm.cc.buffalo.edu "Harvey Axlerod" writes:

> I have 18 4cx250b transmitting triodes, Amperex, used. Since amateur radio
> is not my field, I would like to test them, and if possible, sell/trade
> them. How do I go about testing them? Every tube tester I have tried
> doesn't list them. I understand they run and at high voltage, but how do
> you guys test this stuff? Any ideas/info would be appreciated. Harvey

Actually, the 4XC250B is an RF beam tetrode; testing them as triodes is guaranteed to produce wierd results :-)

I test used tubes by placing them in an amplifier circuit and testing for RF power output, with the following voltages: Heater, 5.8V; Control Grid -65V; Screen Grid 325V, Anode 2150V. And just because they produce so RF output, that doesn't mean that they're any good! The IMD products from an apparently 'good' tube can be terrible.

Used Amperex tubes sell for \$7.50 equivalent here in the UK.

--

Iain Philipps

Date: Sat, 24 Sep 1994 15:41:45 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
gumby!wupost!psuvax1!news.cc.swarthmore.edu!netnews.upenn.edu!news.drexel.edu!
news.ge.com!knight.@@ihnp4.ucsd.edu
Subject: High voltage transmitting caps and miniductor sources?
To: ham-equip@ucsd.edu

Try Surplus Sales of Nebraska. I beleive they advertize in CQ and QST.

73, Harry, W3IIT

Date: Sun, 25 Sep 94 22:09:26 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Kenwood TM-742
To: ham-equip@ucsd.edu

Does anyone out there have a TM-742 and can you tell me how it
preforms.
Thx,73 Ted Morange

Date: Sun, 25 Sep 1994 06:06:59 GMT
From: netcomsv!netcom.com!netcom2!faunt@decwrl.dec.com
Subject: Place to get MFJ-259 cheap?
To: ham-equip@ucsd.edu

I want to get an MFJ-259 antenna analyser. Is there any place that
has them for significantly less then the \$219. list?
thanks, and 73, doug

Date: 23 Sep 1994 18:29:34 GMT
From: haven.umd.edu!cville-srv.wam.umd.edu!ham@purdue.edu
Subject: TT Xverter 1208 abt to ship!
To: ham-equip@ucsd.edu

Just got off the phone with a very nice TenTec engineer
and we were talking about the 1208 xverter and the prob's
with its production. Here's the low down:

Manuals are at the printer and will be in next Tuesday.
He said they expect to have kits ready to be out the
door toward the end of NEXT WEEK!!!!

Operational note:

Why only good from 50-52 MHz? Why Why WHY???

Apparently the products are within Part 97 specs
from 50-52 MHz. Beyond 52 MHz, the other mixing
products aren't down below what's required by
part 97 regs. The xverter WILL work up at 54 MHz,
but it violates the FCC regs, so it is NOT intended

for use up there.

Oooh, can't wait. If you ordered one today, it'd be on your doorstep in about 3-4 weeks. the current backlog is about 2-1/2 weeks.

--

73,

----- The
 \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00
WAC-CW/SSB WAS DXCC - 130 QSLed on dipoles -----| Dipoles! Antenna!

Date: Sat, 24 Sep 1994 13:35:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!ectech!clint.bradford@network.ucsd.edu
Subject: Vox headset
To: ham-equip@ucsd.edu

>Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!usc!elroy.jpl.
>Organization: University of Maine System
>Date: Tue, 20 Sep 1994 08:28:20 EDT
>From: <JBAACK31@MAINE.MAINE.EDU>
>Message-ID: <94263.082820JBAACK31@MAINE.MAINE.EDU>
>Newsgroups: rec.radio.amateur.equipment
>Subject: Vox headset
>Lines: 9

>Hello all, this is a question to all of you who have Vox headsets for your
>2meter HT's. I own a (what else) HTX-202 from Radio Shack

My Icom HS-51 doesn't work with the HTX-202. None of my accessories that have a 3-connection sub-mini MIC plug work with it. I'll dig a little deeper and find out what will work!

* QMPro 1.52 * Talent is a flame. Genius is a fire.

Date: 26 Sep 1994 02:58:39 -0000
From: news.delphi.com!news.delphi.com!not-for-mail@uunet.uu.net
Subject: W2A drains batt when off?
To: ham-equip@ucsd.edu

I have an Icom W2A HT that seems to discharge batteries when turned off. It draws about 18ma from any attached power source. It will drain

the BP-84 in a day or two if left attached. Has anyone else has this problem? Is there an internal backup battery that's shorted? It seemed to start doing this after I left it unused for about 6 months. Any insight appreciated!

73, Jim WB1B

Date: Fri, 23 Sep 1994 04:38:32 GMT
From: elroy.jpl.nasa.gov!ncar!gatech!concert!hearst.acc.Virginia.EDU!
cabell.vcu.edu!jwill@ames.arpa
Subject: W2A Mod???
To: ham-equip@ucsd.edu

For Mods: FTP to oak.oakland.edu and look in the pub/hamradio/mods...
subdirectories. Plenty of mods there for all sorts of equipment.

Robert S. Williams

Date: 25 Sep 1994 09:45:12 -0600
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!mnemosyne.cs.du.edu!
nyx10.cs.du.edu!not-for-mail@network.ucsd.edu
Subject: Xverters for Kenwood 520-S?
To: ham-equip@ucsd.edu

While I'm in the mood to ask about VHF, does anybody have any thoughts about the transverters that used to be available for the Kenwood 520-S? I remember reading about a 6M transverter that was available... maybe even a 2M model. What do you think a fair used price would be for one these days (some 15 years later :-)? Is there any place that might deal in older Kenwood equipment?

-- Patrick

End of Ham-Equip Digest V94 #345
